905 LEONELLO AVE

LOS ALTOS CA 94024 NEW 2-STORY SINGLE FAMILY HOUSE

PERMIT SUBMISSION SET:



Kylechan
ARCHITECT
3561 HOMESTEAD ROAD
SUITE 222,

SUITE 222,
SANTA CLARA, CA 95051
669-244-3111
www.kylechan.com
kyle@kylechan.com

PROGRESS SET 7.28.2022

Sheet Revisions:







PROJECT TEAM		VICINITY MAP	ZONING INFORM	ATION			PROJECT INFO	RMATION	DRAWING INDEX
OWNER DAIHUA ZHANG & PEIRAN SONG 905 LEONELLO AVE LOS ALTOS, CA 94024 650-304-6833 zhangdaihua@gmail.com SURVEYOR / CIVIL ENGINEER WEC & ASSOCIATES 2625 MIDDLEFIELD RD #658 PALO ALTO, CA 94306 650.823.6466 PH 650.887.0321 FAX CONTACT: ED WU ed@weceng.com	ARCHITECT KYLE CHAN, ARCHITECT 3561 HOMESTEAD ROAD #222 SANTA CLARA, CA 95051 PH: 408-780-8030 CELL: 669-244-3111 kyle@kylechan.com	Altos Almond Ave Springer Rd Springer Rd Cuesta Dr Cuesta Dr Cuesta Dr Cuesta Dr	LOT COVERAGE: Land area covered by all structures that are over 6 feet in height FLOOR AREA: Measured to the outside surfaces of exterior walls SETBACKS: Front Rear Right side (1st/2nd) Left side (1st/2nd)	ZONING COMP: Existing	Proposed Allow _3,145_ square feet _3,24 (_29%) (_30 _3,788_ square feet _3,78 (_34.9%) (_35 _25'_ feet _25'_ _46'2 feet _25' _7'9.5 feet/2¹7.5 feet _7'9.5 _9'2.3 feet/2²6.5 feet _7'9.5 _(10%)	### wed/Required 47	PROJECT DESCRIPTION: APN: CONSTRUCTION TYPE: OCCUPANCY: BUILDING CODES:	1. DEMOLISH EXISTING RESIDENCE 2. PROPOSE NEW 2-STORY SINGLE FAMILY RESIDENCE 3. PROPOSE NEW ATTACHED ADU (660 SF) 189-20-014 V-B R-3 / U 2019 CBC (BASED ON 2018 IBC) 2019 CRC (BASED ON 2018 IRC) 2019 CEC (BASED ON 2017 NEC) 2019 CMC (BASED ON 2018 UMC) 2019 CPC (BASED ON 2018 UPC) 2019 CALIFORNIA ENERGY CODE 2019 CALIFORNIA GREEN BUILDING	A0.2 STREETSCAPE DIAGRAM A0.3 ARBORIST REPOR A0.4 ARBORIST TPZ PLAN CIVIL C.0 BOUNDARY & TOPOGRAPHIC SURVEY C.1 GRADING AND DRAINAGE NOTES & DETAILS C.2 EROSION CONTROL PLAN C.3 DETAILS BC) RC) BC) ARCHITECTURAL A0.5 SITE PLAN / FLOOR AREA STUDY A1.1 EXISTING FLOOR PLAN / ELEVATIONS JMC) A2.1 FIRST FLOOR PROPOSED PLAN A2.2 SECOND FLOOR PROPOSED PLAN A2.3 ROOF PROPOSED PLAN A3.1 PROPOSED ELEVATIONS A3.1 PROPOSED ELEVATIONS
LANDSCAPE ARCHITECT GREG LEWIS LEWISLANDSCAPE@SBCGLOBAL.NET (831) 359-0960 ARBORIST BO FIRESTONE CONSULTING & DESIGN 2150 LACEY DRIVE, MILPITAS CA 95035 408-497-7158 BUSARA@BOFIRESTONE.COM	TITLE-24 ENERGY CONSULTANT CARSTAIRS ENERGY CALCULATIONS PO BOX 4736 SAN LUIS OBISPO, CA 93403 PH:805-904-9048 title24@yahoo.com GENERAL CONTRACTOR T.B.D.	SITE N.T.S.	HEIGHT: SQUA HABITABLE LIVING AREA: Includes habitable basement areas NON- HABITABLE AREA: Does not include covered porches or open structures NET LOT AREA: FRONT YARD HARDSCAPE ARE Hardscape area in the front yard setback. LANDSCAPING BREAKDOWN:	LOT CALCULA EA: chall not exceed 50% Total hardscape area (Existing softscape (un New softscape area:	BREAKDOWN Change in Total	square feet square feet	NO GAS POLICY: FIRE SPRINKLER: SOLAR PANEL:	STANDARDS CODE (CALGREEN) CITY MUNICIPAL CODE ALL APPLICABLE LOCAL, COUNTY, STATE AND FEDERAL CODES, LAWS & REGULATIONS FOR THE NEW SINGLEFAMILY HOME, NO GAS IS ALLOWED PER CITY REACH CODES. A RESIDENTIAL FIRE SPRINKLER SYSTEM IS REQUIRED IN ACCORDANCE WITH NFPA 13D AND STATE AND LOCAL REQUIREMENTS FIRE SPRINKLER SYSTEM TO BE APPROVED UNDER A SEPARATE PERMIT. SOLAR PANEL REQUIRED PER TITLE-24 UNDER A SEPARATE PERMIT.	A8.0 EXTERIOR SECTIONS A8.1 EXTERIOR DETAILS LANDSCAPE L-1 PLANTING PLAN

ZHANG RESIDENCE NEW RESIDENCE 905 LEONELLO AVE LOS ALTOS, CA 94024

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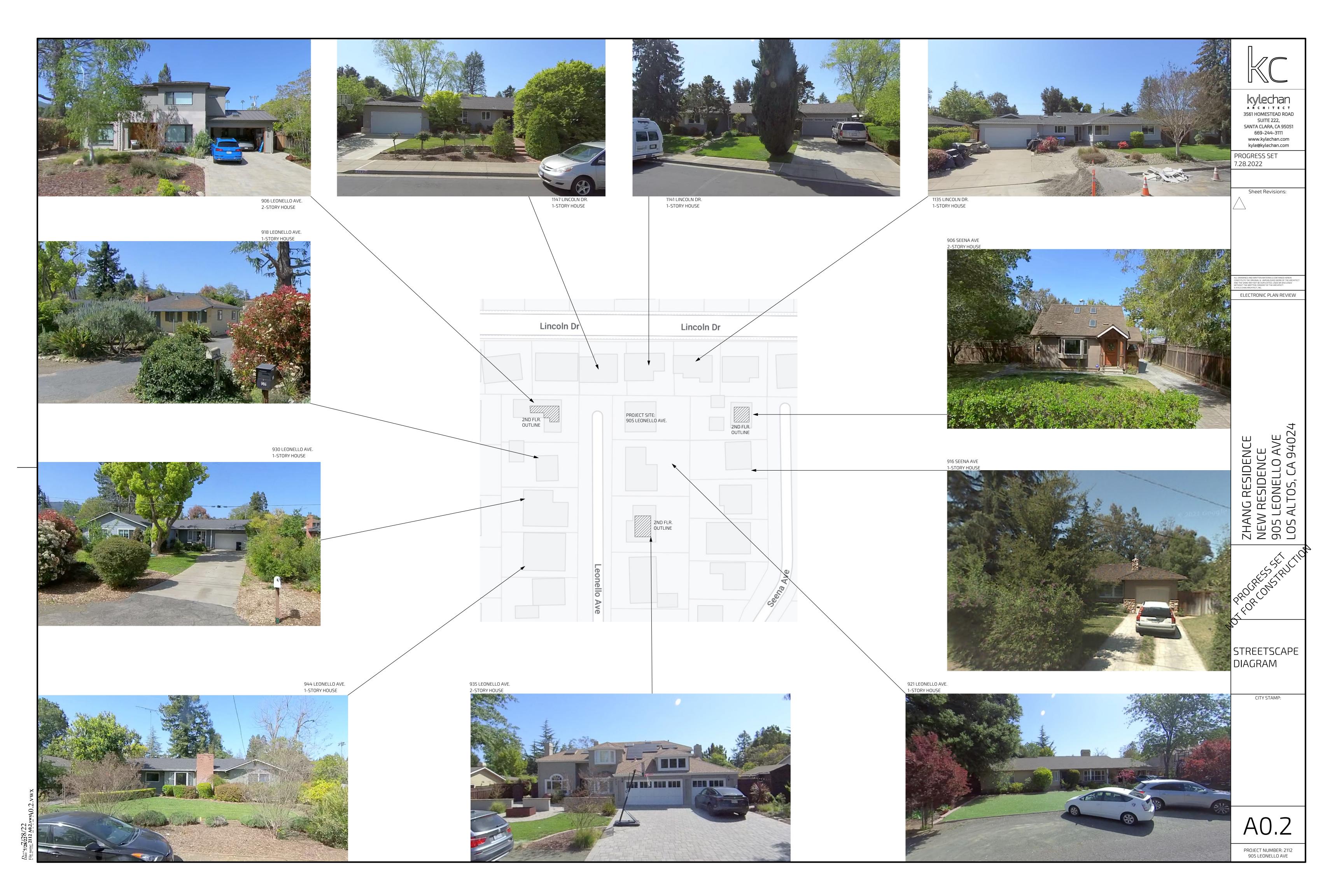
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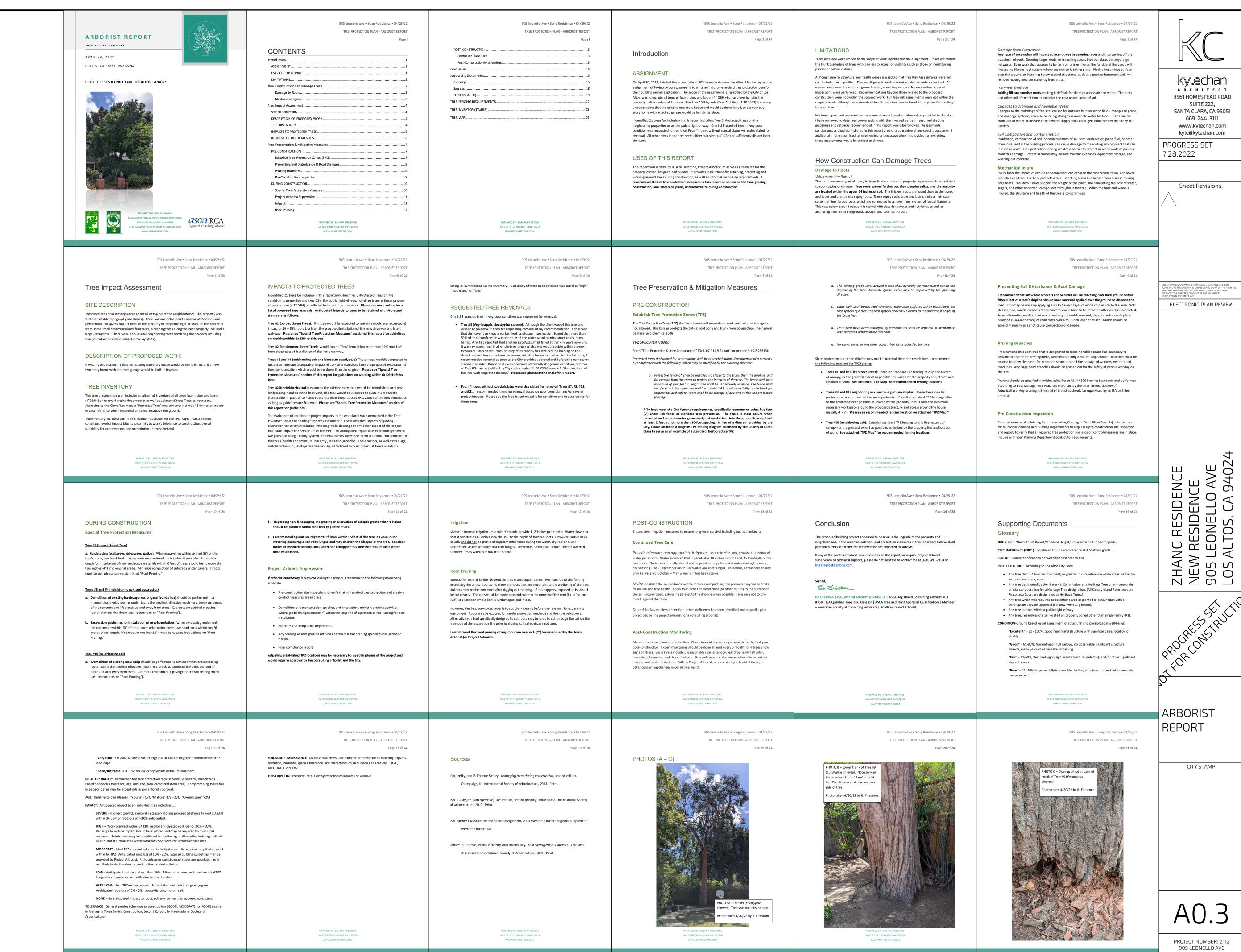
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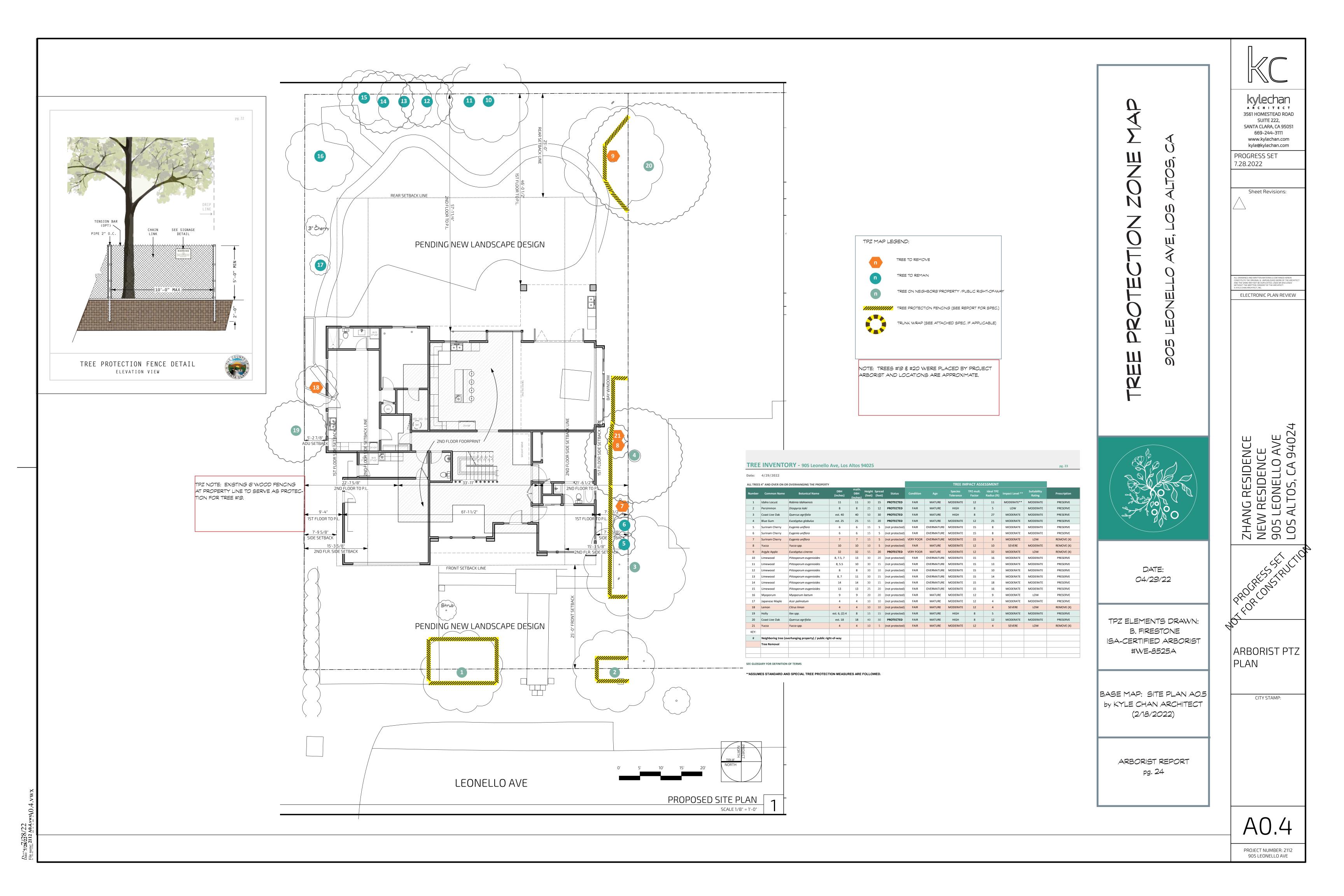
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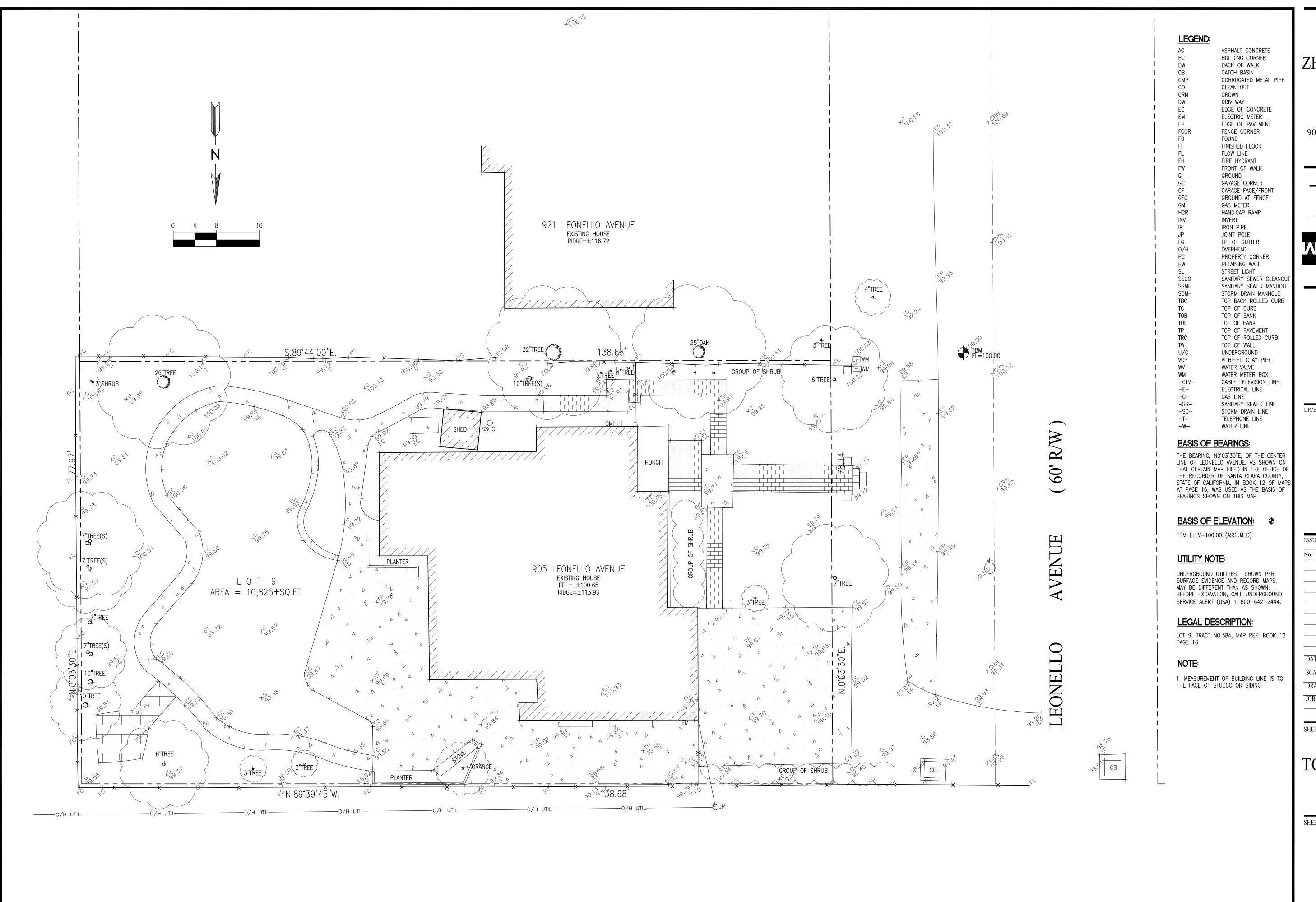
PROJECT NUMBER: 2112 905 LEONELLO AVE





905 LEONELLO AVE

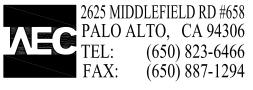




ZHANG & SONG RESIDENCE

905 LEONELLO AVENUE LOS ALTOS, CA APN: 189-20-014

& ASSOCIATES



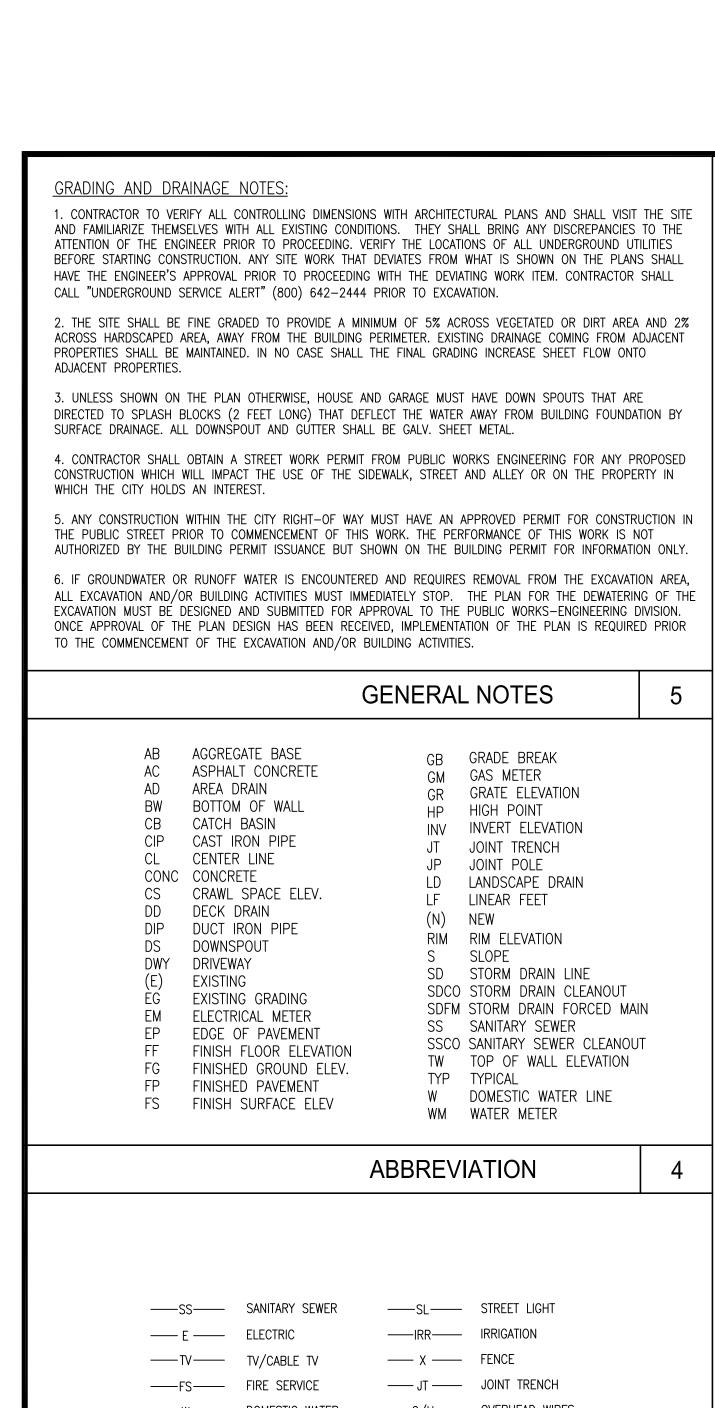
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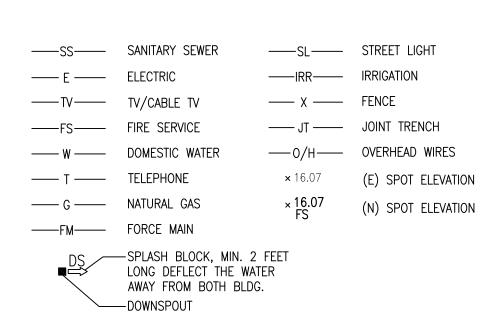


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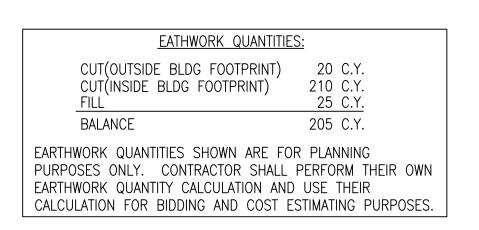
TOPOGRAPHIC SURVEY

SHEET NO.





LEGEND



CUT AND FILL EST.

77.97**'** 3"SHRUB % **3** 7 **8 3** 7 7 7 TREE(S) 10"TREE OF OTTREE(S) 6"TREE KEY NOTES 1 INFILTRATION DEVICE, 6'X6', 3' DEEP, GR=99.7, SEE 6/C.3 2 POP-UP, SEE 5/C.3 3 SLOPE DRIVEWAY TOWARDS THE LANDSCAPED AREA 99.4 3"TREE 4 DEPRESSED LANDSCAPE AREA FOR IMPROVED STORMWATER RETENTION (10'X10'X2") 5 AREA DRAIN, SEE DRAINAGE FEATURE TABLE FOR RIM RIM=99.5 AND INV ELEV. SEE DETAIL 4/C.3 \JNV=97.5 6 CONTRACTOR TO FIELD VERIFY EXISTING SEWER LINE LOCATION AND INSTALL SEWER LINE BETWEEN BUILDING AND EXISTING SEWER LATERAL. NEW SSCO, IF TO BE INSTALLED, SHALL BE WITHIN 5' FROM ROADWAY EASEMENT LINE SOLID PVC SD LINE -------GRADE BREAK -----`**●** AD5 ¹ DRAINAGE FEATURE TABLE ♠ AD6 FEATURE | RIM | INV AD1 100.1 98.6 AD2 100.0 98.5 AD3 | 99.9 | 98.4 AD4 99.9 98.3 AD5 99.9 98.4 AD6 99.9 98.4 1ST FF=101.0 32"TREE الحمر N.0°03'30"E. LEONELLO GRADING AND DRAINAGE PLAN SCALE: 1"=10'

ZHANG & SONG RESIDENCE

905 LEONELLO AVENUE LOS ALTOS, CA APN: 189-20-014

& ASSOCIATES



LICENSE STAMPS AND SIGNATURE



No.	Desc	ription			Dat
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GRADING & DRAINAGE **PLAN**

SHEET NO.

EROSION CONTROL AND BEST MANAGEMENT PRACTICE:

1. CONTRACTOR SHALL ASSUME THE CONCEPTS ON THE EROSION CONTROL PLAN/NOTES, IF PROVIDED, ARE MINIMUM REQUIREMENTS, THE FULL EXTENTS OF WHICH ARE TO BE DETERMINED BY CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR THE EXACT DESIGN AND EXTENT OF CONTRACTOR'S INTENDED USE AND MANAGEMENT OF THE CONSTRUCTION SITE.

2. ALL EROSION CONTROL FACILITIES SHALL BE INSPECTED BY THE CONTRACTOR AND REPAIRED AS REQUIRED AT THE CONCLUSION OF EACH WORKING DAY DURING THE RAINY SEASON. REPAIRS TO DAMAGED FACILITIES SHALL BE MADE IMMEDIATELY UPON DISCOVERY.

3. THE CONTRACTOR SHALL REMOVE ANY ACCUMULATION OF SILT OR DEBRIS FROM THE EROSION CONTROL SEDIMENT BASINS FOLLOWING EACH STORM AND SHALL CLEAR THE OUTLET PIPES OF ANY BLOCKAGE.

4. STOCKPILED MATERIAL SHALL BE COVERED WITH VISQUEEN OR TARPAULIN UNTIL THE MATERIAL IS REMOVED FROM THE SITE. ANY REMAINING BARE SOIL THAT EXISTS AFTER THE STOCKPILE HAS BEEN REMOVED SHALL BE COVERED UNTIL A NATURAL GROUND COVER IS ESTABLISHED OR IT MAY BE SEEDED OR PLANTED TO PROVIDE GROUND COVER PRIOR TO THE FALL RAINY SEASON.

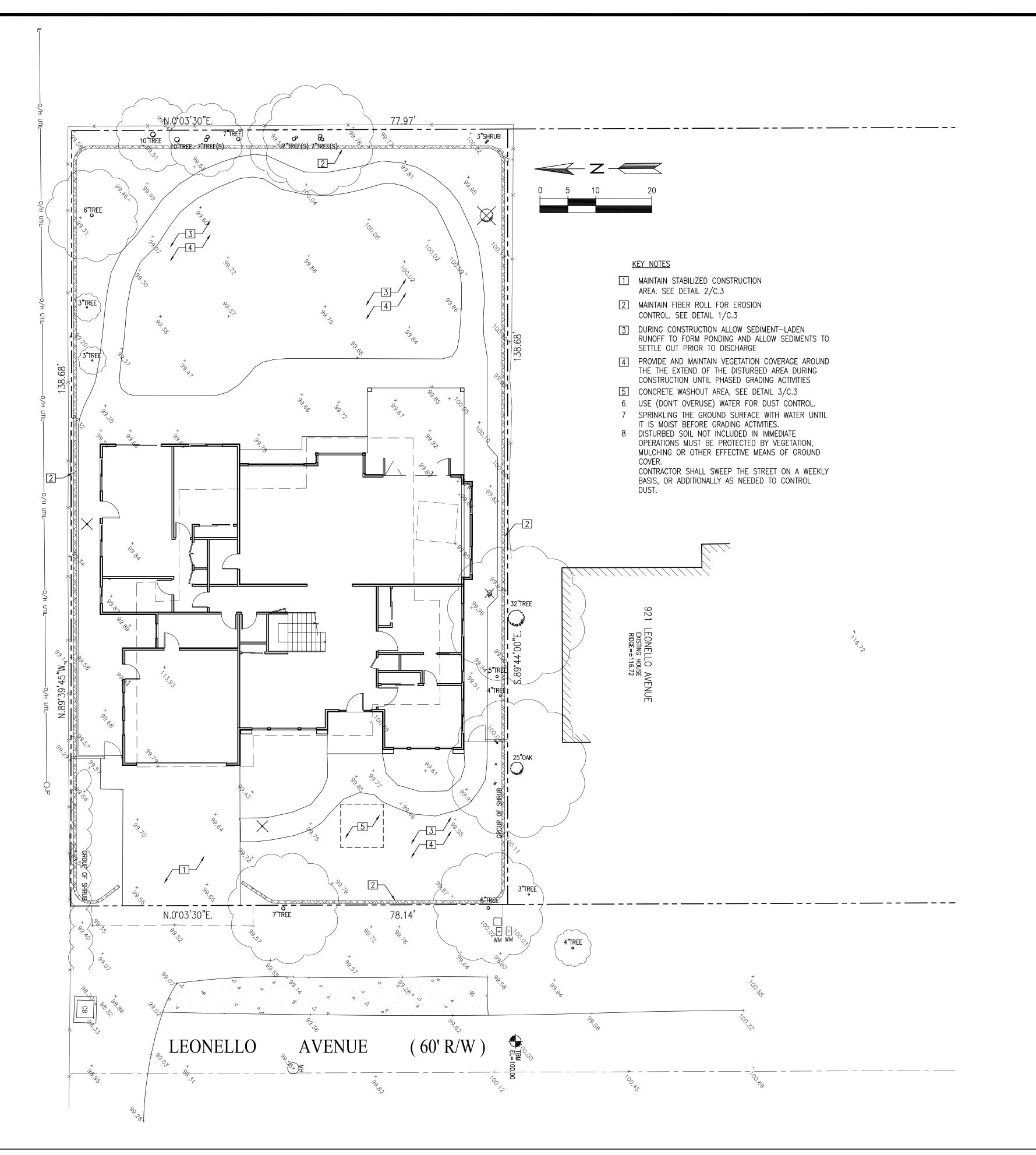
5. PROTECT ADJACENT PROPERTIES AND UNDISTURBED AREAS FROM CONSTRUCTION IMPACTS USING VEGETATIVE BUFFER STRIPS, SEDIMENT BARRIERS OR FILTER, DIKES, MULCHING OR OTHER MEASURES AS APPROPRIATE.

6. CONTRACTOR SHALL MAINTAIN ADJACENT STREETS IN A NEAT, CLEAN, DUST FREE AND SANITARY CONDITION AT ALL TIMES. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CLEAN UP ON ADJACENT STREETS AFFECTED BY THEIR CONSTRUCTION. NO STOCKPILING OF BUILDING MATERIALS WITHIN THE PUBLIC RIGHT—OF WAY IS

7. PROTECT DOWN SLOPE DRAINAGE COURSES, STREAMS AND STORM DRAINS WITH ROCK FILLED SAND BAGS, TEMPORARY DRAINAGE SWALES, SILT FENCES, EARTH BERMS, STORM DRAIN INLET FILTERS AND/OR STRAW BALES USED ONLY IN CONJUNCTION WITH PROPERLY INSTALLED SILT FENCES. PROVIDE ROCKED DRIVEWAY FOR SITE ACCESS DURING CONSTRUCTION.

GENERAL NOTES

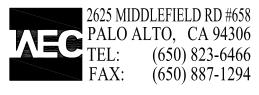
2



ZHANG & SONG RESIDENCE

905 LEONELLO AVENUE LOS ALTOS, CA APN: 189-20-014

W E C & ASSOCIATES



LICENSE STAMPS AND SIGNATURE



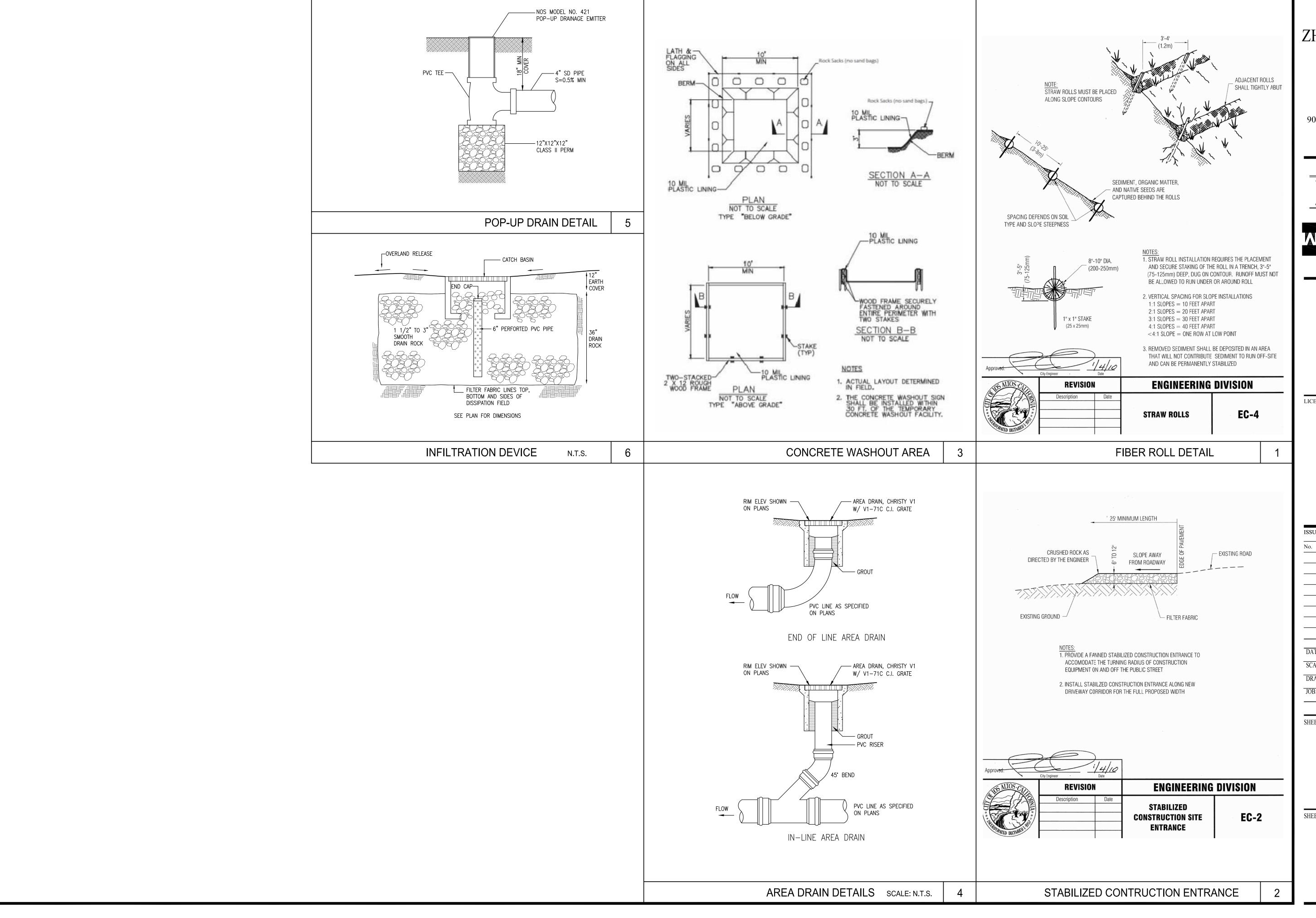
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DRA	WN:	
JOB:	10078	

SHEET TITLE:

EROSION CONTROL PLAN

SHEET NO.

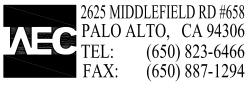
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ZHANG & SONG RESIDENCE

905 LEONELLO AVENUE LOS ALTOS, CA APN: 189-20-014

WEC & ASSOCIATES



LICENSE STAMPS AND SIGNATURE

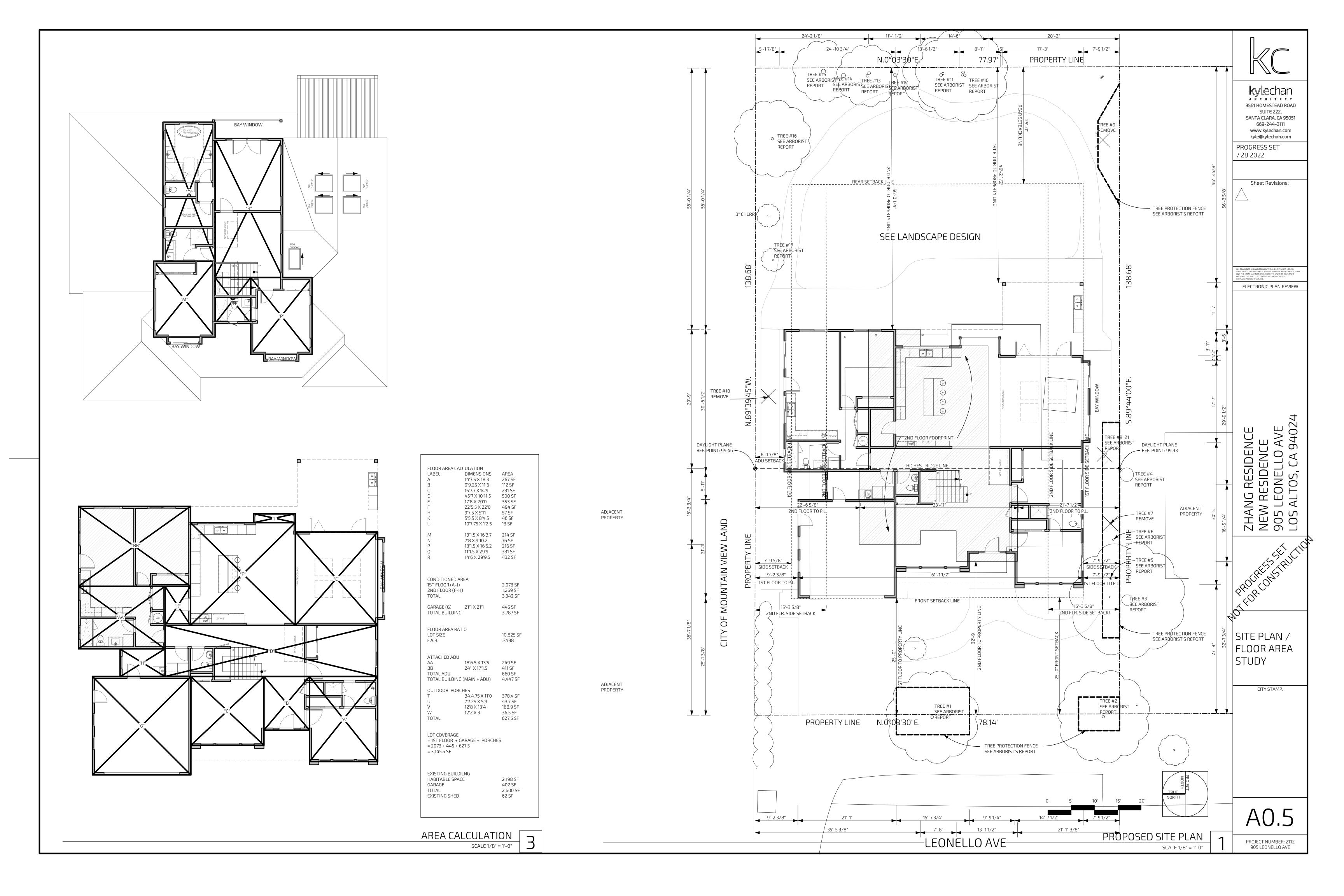


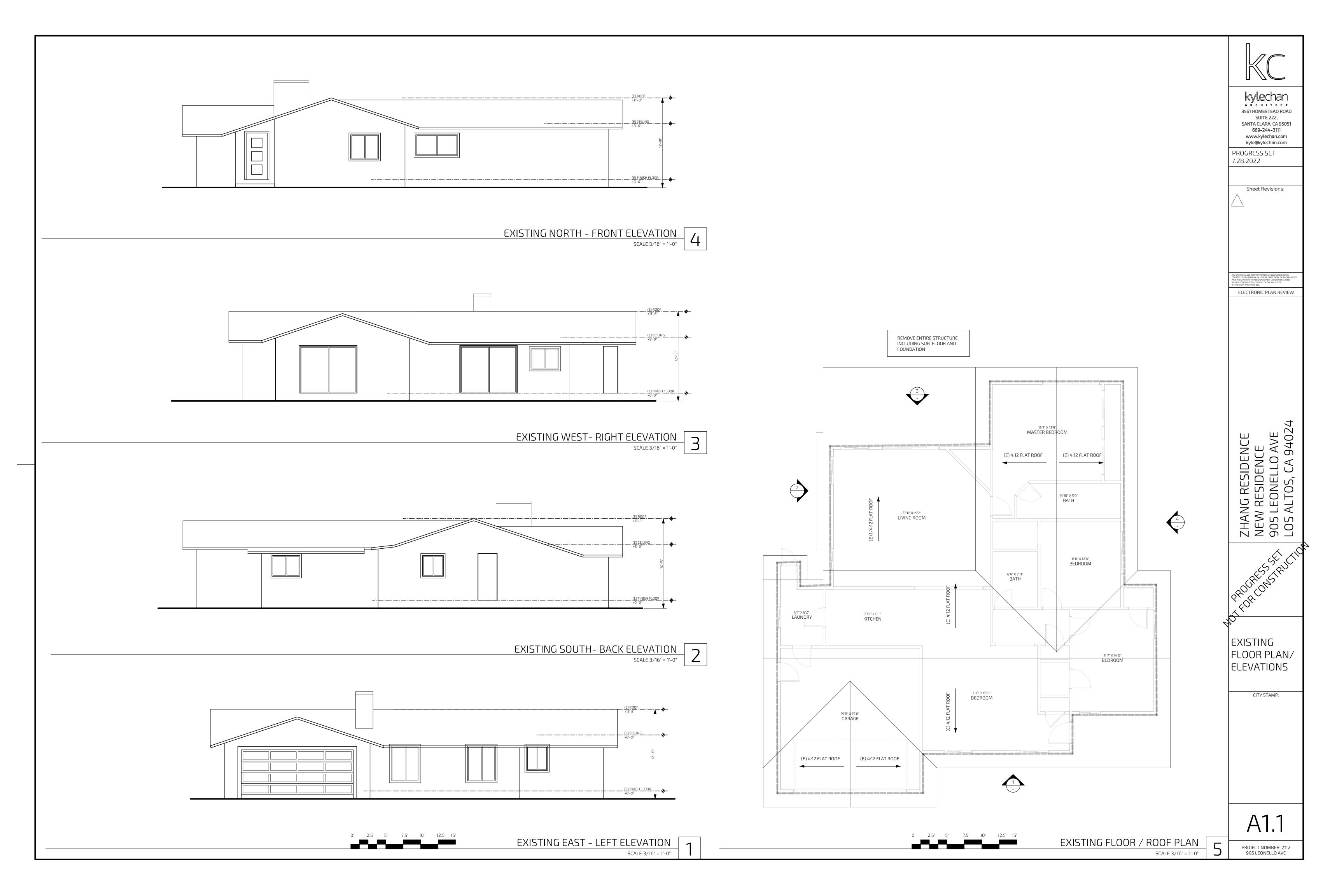
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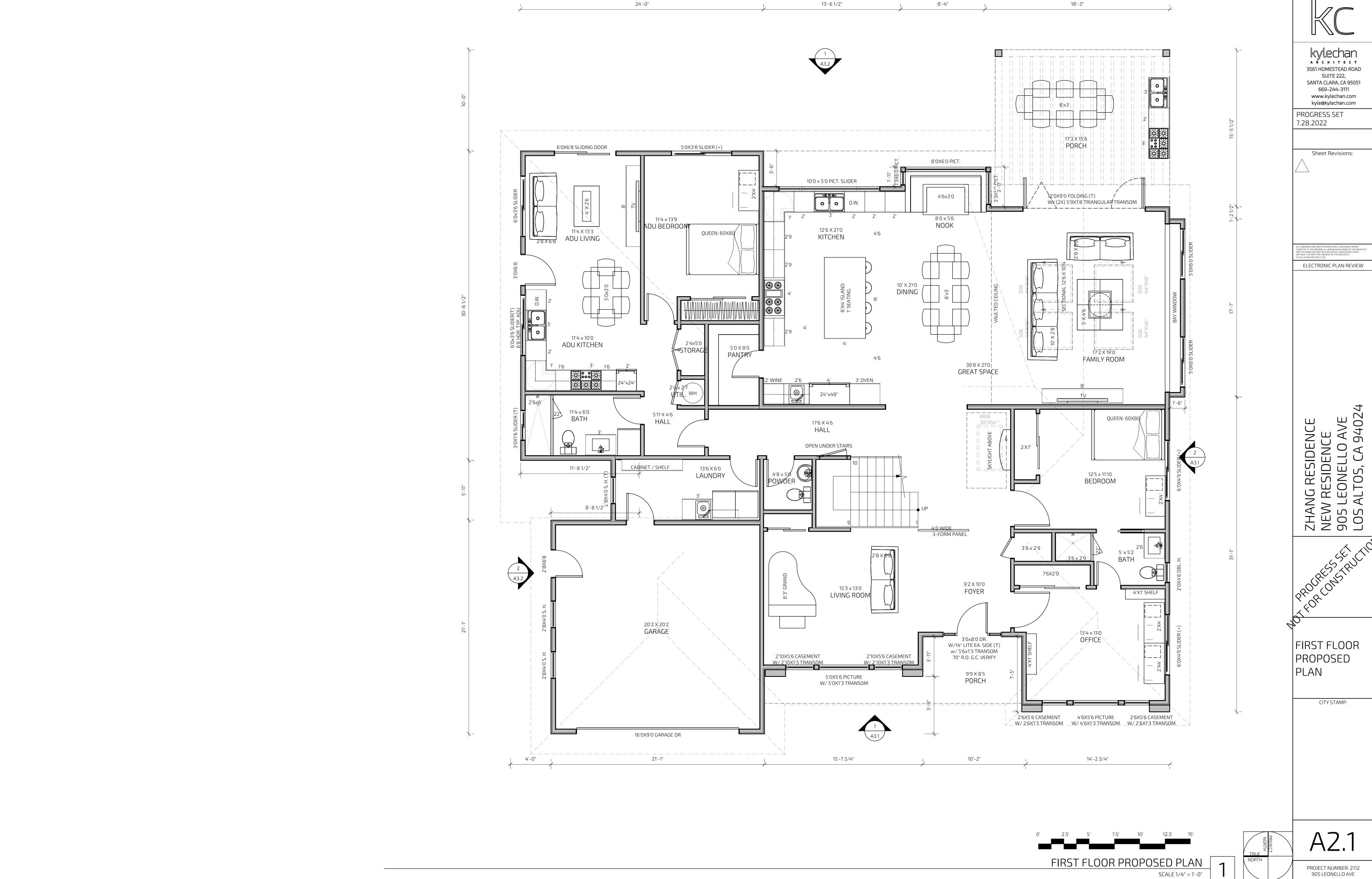
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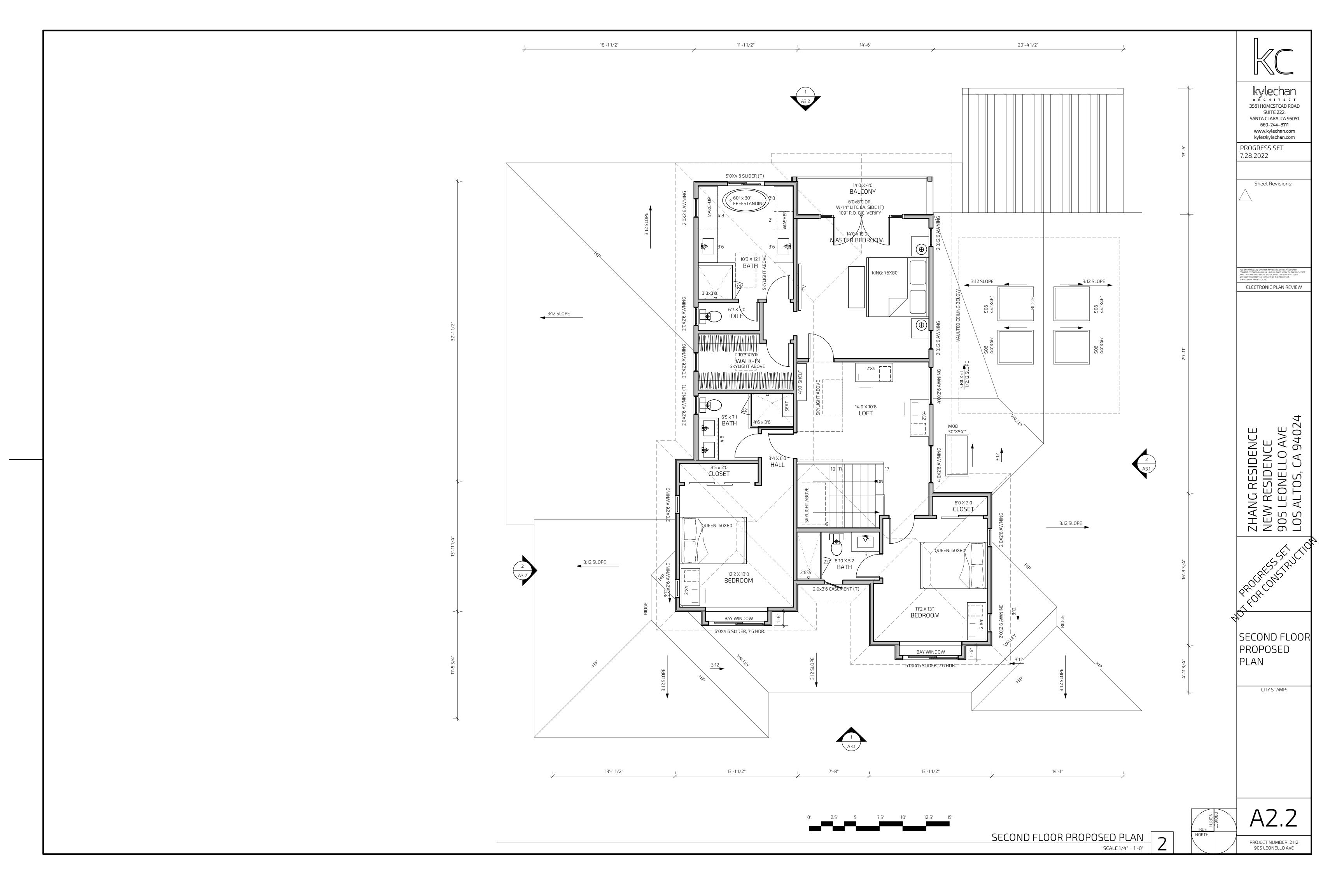
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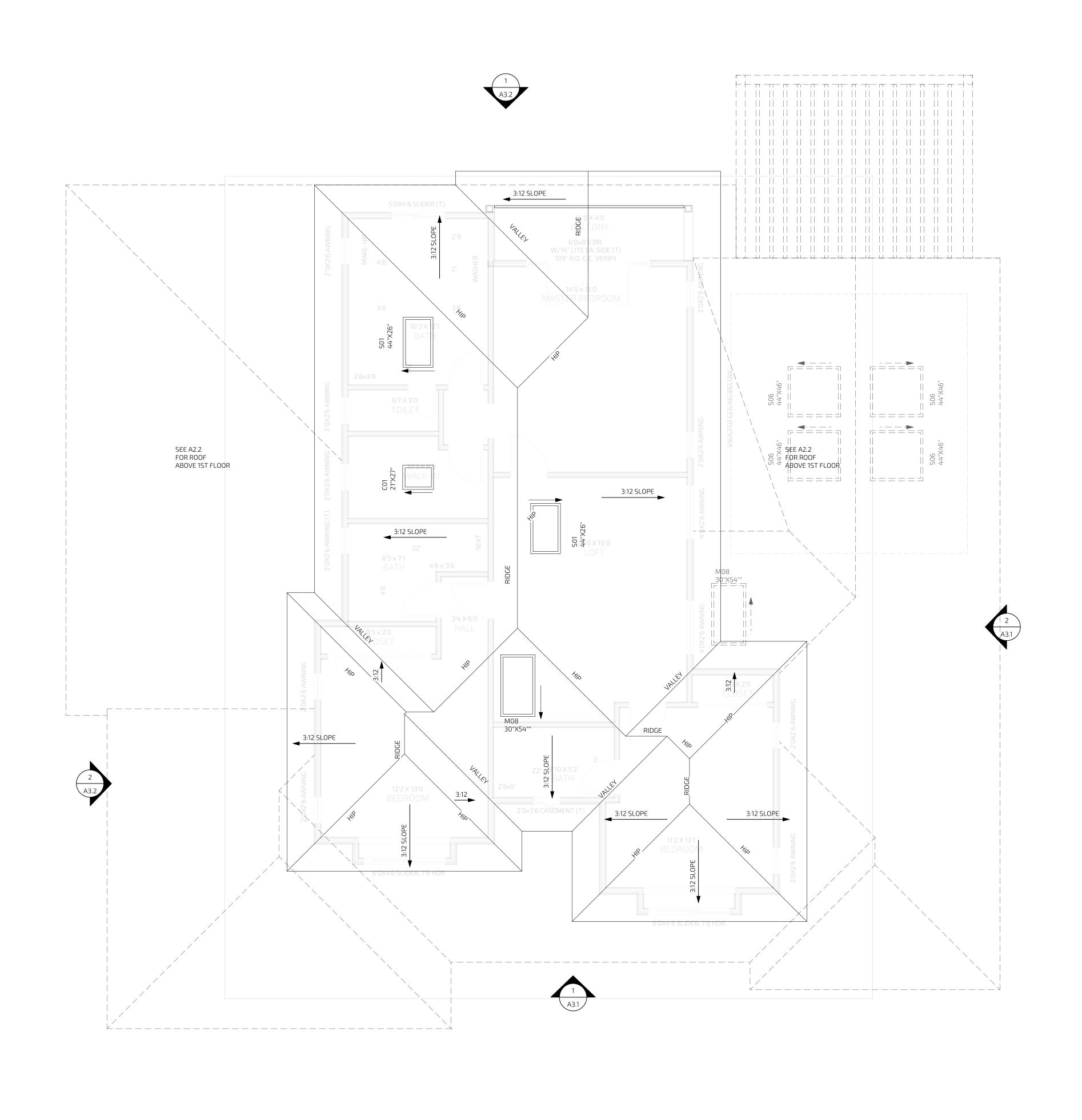
C.3











kylechan

3561 HOMESTEAD ROAD SUITE 222, SANTA CLARA, CA 95051 669-244-3111 www.kylechan.com kyle@kylechan.com

PROGRESS SET 7.28.2022

Sheet Revisions:

AL DRAWINGS AND WRITTEN MATERIALS CONTAINED HERBIN CONSTITUTE THE ORIGINAL EL UNPUBLISHED WORK OF THE ARCHITECT AND THE SAME MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT HE WORK OF THE ARCHITECT. OF THE ARCHITECT, OR YLLE CHAN ARCHITECT, DEVICE CHAN ARCHITECT, DEVICE CHAN ARCHITECT.

ELECTRONIC PLAN REVIEW

ZHANG RESIDENCE NEW RESIDENCE 905 LEONELLO AVE LOS ALTOS, CA 94024

PROCRESS FRUCTION

PROPOSED ROOF PLAN

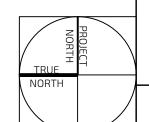
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PROPOSED ROOF PLAN

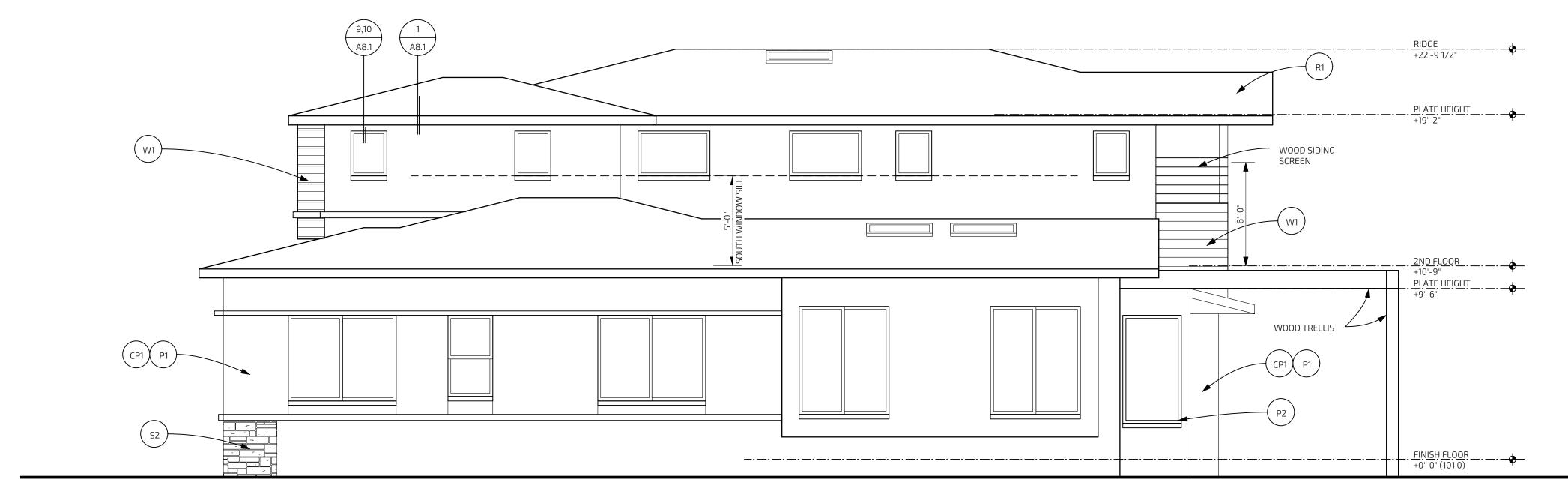
SCALE 1/4" = 1'-0"

1



A2.3

PROJECT NUMBER: 2112 905 LEONELLO AVE



EXTERIOR FINISH SCHEDULE SYMBOL MATERIAL MODEL #/ DESCRIPTION/ LOCATION COLOR MFR./DEALER SEE LANDSCAPE DRAWING STONE OVERLAY / OR PAVER SYSTEM STAMP CONCRETE STACKED STONE: DAYBREAK COLOR FINISH kylechan ELDORADO STONE OR PROVIDE STONE CAP AT TOP, TYPICAL. STONE TO LIGHTWEIGHT CLAD STONE VENEER PANEL (**) SIM. ARCHITECT WRAP TO BOTH SIDES OF WALL, TYPICAL. ICC ESR-1215 3561 HOMESTEAD ROAD NEW STANDING SEAM ROOF PER CRC R905.4. ROOF TO BE CLASS 'A' OR BETTER. 12"MAX PROFILE & METALLIC GRAY SUITE 222, STANDING SEAM METAL ROOF (*) SANTA CLARA, CA 95051 669-244-3111 ROLL ROOFING OR www.kylechan.com CRICKET ROOFING PER CRC R905.5 & 905.9. ROOF LIGHT GRAY BUILT-UP ROOF (*) TO BE CLASS 'A' OR BETTER. kyle@kylechan.com PROGRESS SET GRAPHITE ALUM. - PAINTED GUTTER 7.28.2022 MATCH CEMENT PLASTER EXTERIOR SMOOTH HARD STEEL TOWEL FINISH (ACRYLIC STUCCO FIN. SIMILAR) Sheet Revisions: PAINT AT CEMENT **EXTERIOR PAINT** BEIGE PLASTER TRIM PAINT MATCH WINDOW TRIM GRAPHITE PARKLEX NATURAL WOOD FACADE SIDING OVER GRADE 'D' BUILDING PAPER OVER PLYWOOD MUSTARD SIDING SHEATHING. ICC-ES REPORT: ESR-3462 FINISH WINDOW SASH AND TRIM FINISH GRAPHITE WINDOW (SEE A2.1 SPEC FOR FINISH MATERIALS) (*) PER TITLE-24: COOL ROOF REQUIRED. ROOF REFLECTANCE: 0.1 OR BETTER. ROOF EMITTANCE: 0.8 OR BETTER. **) STONE PANEL TO BE ADHERED PER CRC R703.12. SEE ICC-REPORT FOR INSTALLATION SPECIFICATIONS. PAINT ALL EXTERIOR WINDOW TRIM, SILLS, NON-VINYL SASH, MUTTINS, DECK RAILINGS, DECK FASCIA, ELECTRONIC PLAN REVIEW BEAMS AND TRELLISES, RAFTER TAILS AND EAVE SHEATHING BOARDS. PROTECT ANY AND ALL VINES / PLANTINGS FROM DAMAGE. . CONTRACTOR TO CONFIRM ALL FINISH WITH OWNER BEFORE ORDERING. 3. PROVIDE COEFFICIENT OF FRICTION OF 0.6 OR HIGHER FOR ALL FLOOR TILE & EXTERIOR FLAG STONE SURFACE.

FOR ALL WALL FINISHES, SEE WALL SCHEDULE ON A2.1 FOR UNDERLAYMENT REQUIREMENTS.
 THE FASTENERS FOR THE ROOFING SHALL BE CORROSION RESISTANT PER CRC R905.2.5.

PROPOSED RIGHT (SOUTH) ELEVATION

SCALE 1/4" = 1'-0"



| ZHANG RESIDENC | NEW RESIDENCE | 905 LEONELLO AV | LOS ALTOS, CA 94(

> PROPOSED ELEVATIONS

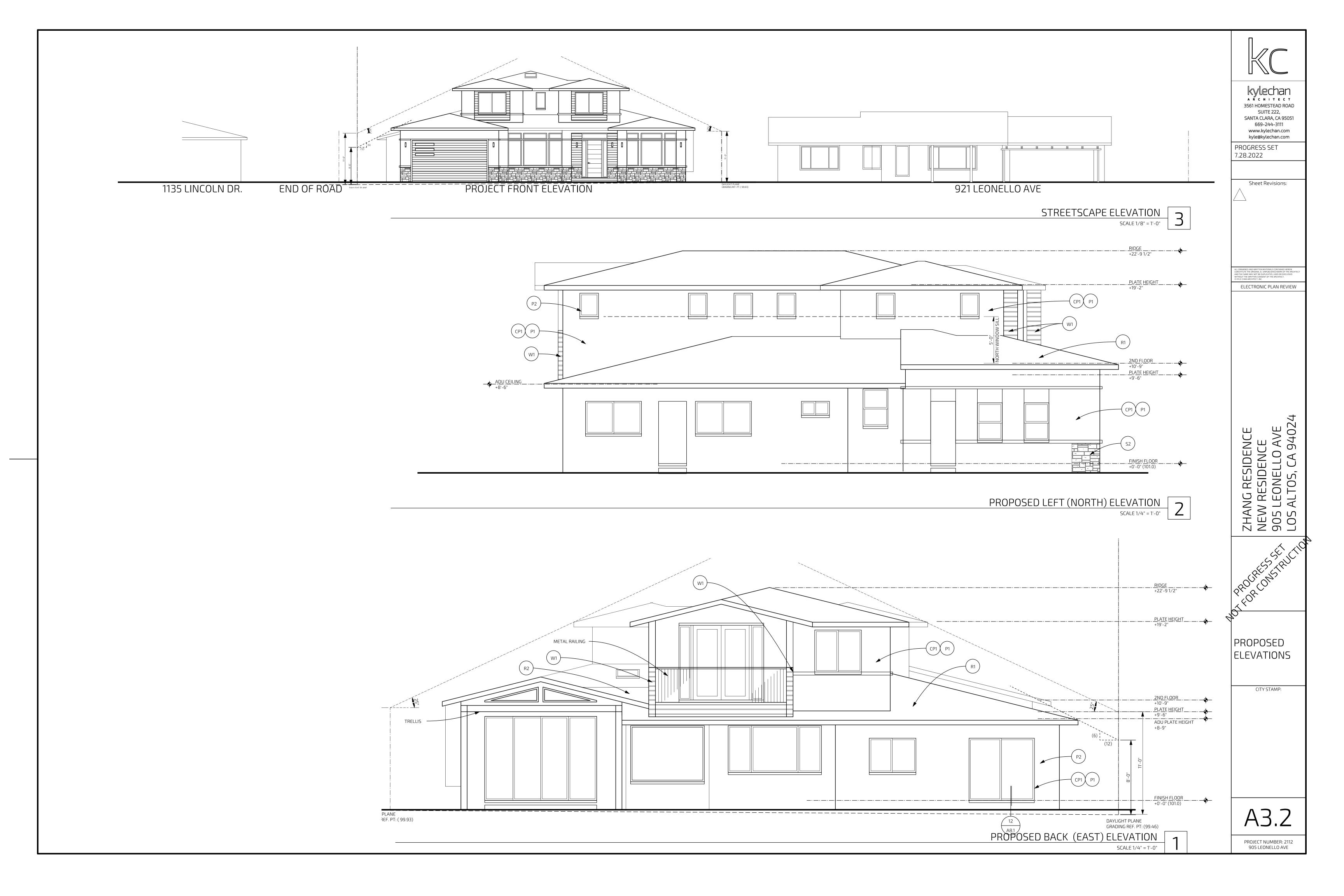
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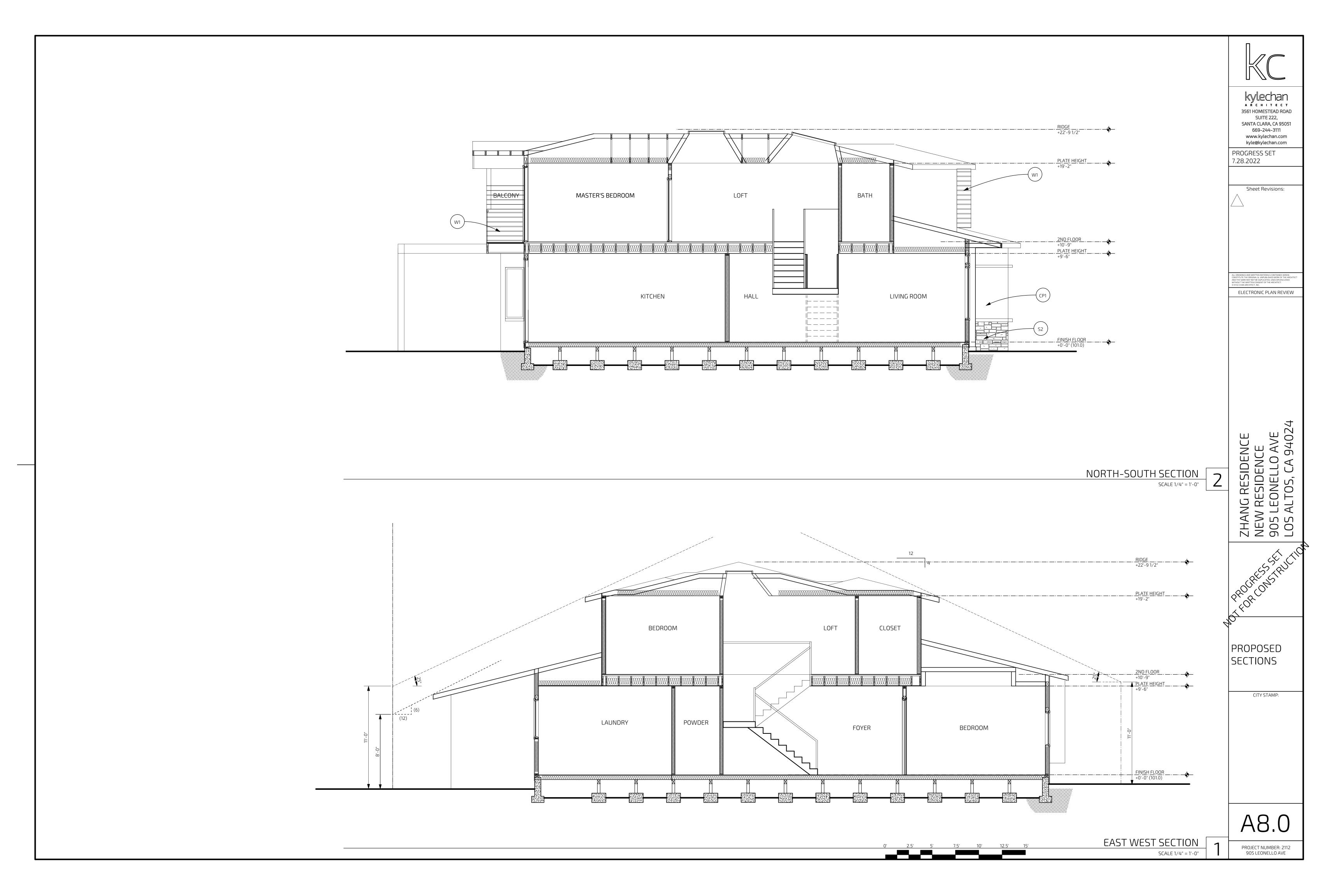
A3.1

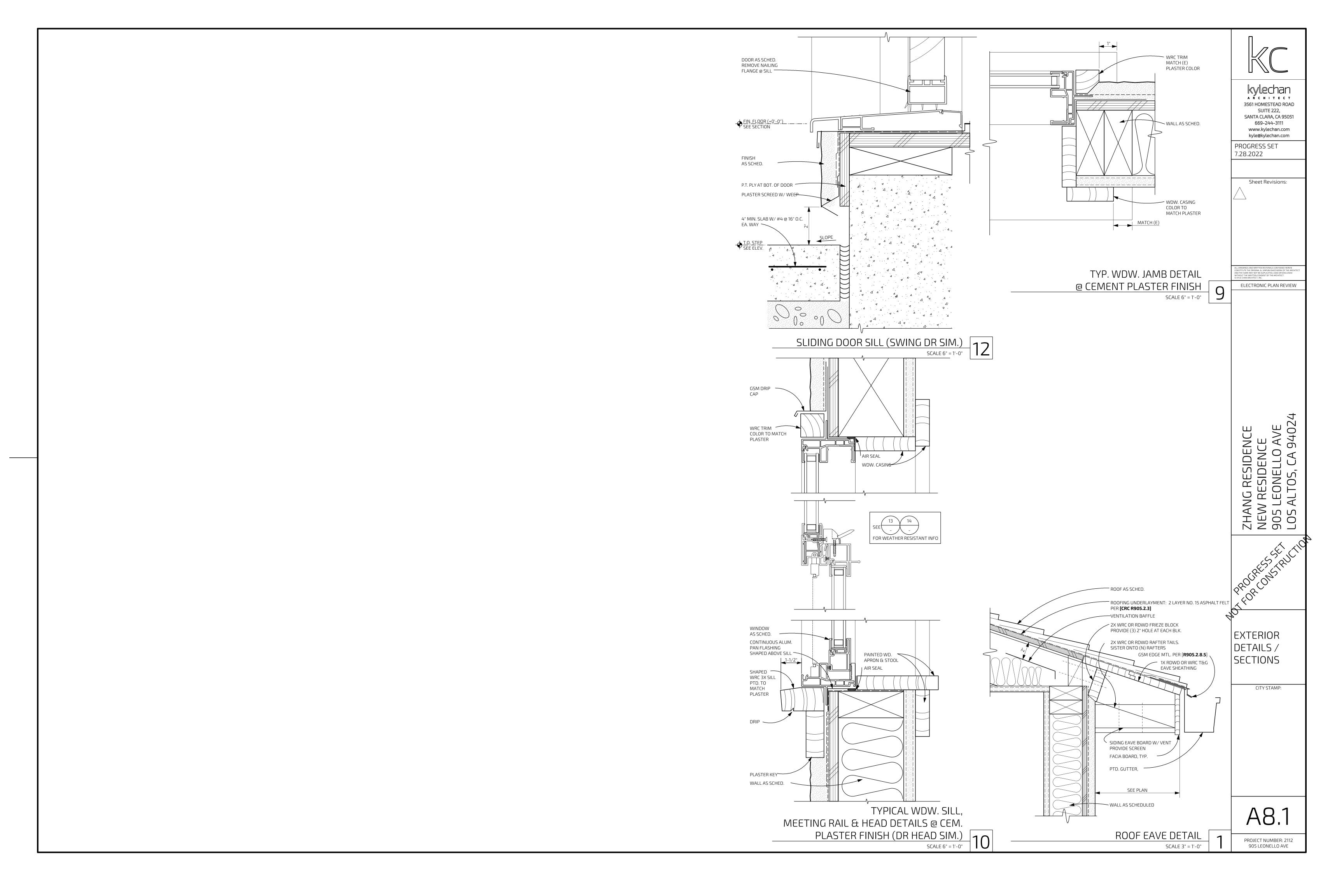
PROJECT NUMBER: 2112 905 LEONELLO AVE

PROPOSED FRONT (WEST) ELEVATION

SCALE 1/4" = 1'-0"







L - 1 3'-5' LOW Limonium perezii Sea Statice EK - 1 3'-5' LOW Erigeron karvinskianus Santa Barbara Daisy LP - 1 3'-5' LOW Lomandra Platinum SL - 1 4'-8' LOW Salvia leucantha Mexican Sage N - 1 3'-5' LOW Nandina Gulf Stream EP - 1 5'-7' LOW Euryops pectinatis Euryops Daisy

EP - 1 5'-7' LOW Euryops pectinatis Euryops Daisy

LA - 1 3'-6' LOW Lavandula - selected by owner Lavender

D - 1 2'-4' LOW Aeonium canariense Mint Saucer

CA - 1 3' - 5' LOW Crassula ovata Jade Plant

EP - 1 3' - 5' LOW Euryops pectinatus Euryops Daisy

Ask owners if they want to upsize some of 1 gal plants to 5 gal plants
Plant quantities are for planning purposes only. Contractor to do own plant count
and install all plants on plan

Planting Notes

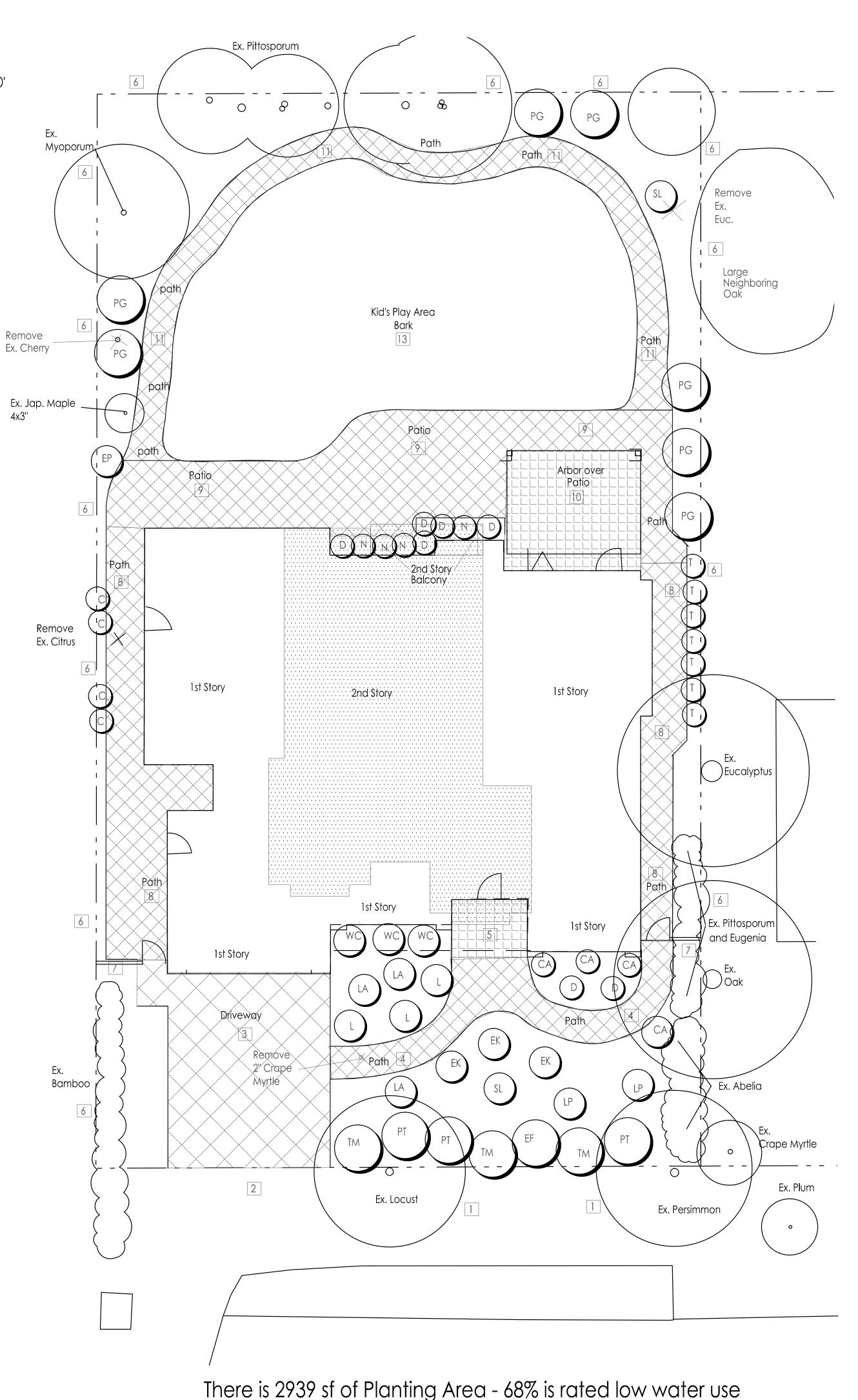
- 1 LESS THAN 25% OF PLANTING AREA IS TURF THERE IS NO REAL TURF
- 2 PLANTS WITH SIMILAR WATER NEEDS ARE GROUPED WITHIN HYDROZONES. EACH HYDROZONE SHALL BE CONTROLLED BY A SEPARATE GROUP OF VALVES
- AT LEAST 4 CUBIC YARDS OF COMPOST (BFI SUPER HUMUS) AND 16 POUNDS OF 12-12-12 FERTILIZER PER 1000 SF OF PLANTING AREA SHALL BE THOUROUGHLY TILLED INTO THE TOP 8 INCHES OF SOIL (EXCEPT UNDER CANOPY OF EXISTING TREES TO BE SAVED) OR FOLLOW THE AMENDMENT AND FERTILIZER RECOMMENDATIONS OF A SOIL FERTILITY TEST AND ANALYSIS FROM A SOIL LAB (HIGHLY RECOMMENDED)
- 4 INSTALL 3 INCH DEEP LAYER OF TOP DRESS MULCH ON ALL EXPOSED SOIL SURFACES OF PLANTING AREAS EXCEPT IN AREAS OF DIRECT SEEDING APPLICATION OR SOD LAWN. USE WOOD CHIP TYPE MULCH TO BE SELECTED BY OWNERS. PROVIDE SAMPLES AND PRICES PRIOR TO FINALIZING BID
- 5 GRADING SHALL BE DESIGNED TO MINIMIZE SOIL EROSION, RUN-OFF AND WATER WASTE ADDITIONAL NOTES
- 6 FINAL CONSTRUCTION DRAWINGS TO INCLUDE PLANTING AND IRRIGATION DETAILS AND SPECIFICATIONS
- 7 DON'T TRENCH TOO CLOSE TO STRUCTURES WITHOUT THE APPROVAL OF THE BUILDING ARCHITECT, CIVIL, OR STRUCTURAL ENGINEER
- 8 PRIOR TO ORDERING PLANTS OR SIGNING FINAL CONTRACT FOR WORK MAKE SURE YOU HAVE THE MOST CURRENT SET OF APPROVED PLANS AND MAKE SURE THERE ARE NO CHANGES TO THE PLANT CHOICES
- 9 ADJUST FINAL LOCATIONS OF PLANTS TO AVOID CONFLICTS WITH UTILITIES, LIGHTS, AND IRRIGATION COMPONENTS. SCREEN VALVES AND UTILITIES WITH PLANTS. DON'T PUT PLANTS TOO CLOSE TO PAVING OR BUILDINGS
- 10 GRADING AND DRAINAGE TO BE DONE ACCORDING TO THE APPROVED GRADING AND DRAINAGE PLANS DONE BY



Existing Pittosporum and Myoporum
North and East rear yard Landscape Screening



Existing Pittosporum and neihboring Oak South East area of rear yard Landscape Screen



Landscape Site Legend

- Compacted baserock and gravel in ROW for parking
- AC paving in ROW to connect road to driveway
- Driveway Interlocking pavers manuf., style, pattern, and color to be selected by owners
- Front walk Interlocking pavers a little different than driveway but complimentary to it- manuf., style, pattern, and color to be selected by owners
- Front porch tile on concrete base or plain conc. finish and pattern to be selected by owner
- 6 Existing solid redwood 6' + 1' lattice fence
- New solid redwood 6' + 1' lattice fence with matching gate
- 8 Side yard paths Interlocking pavers same as front walk
- 9 Rear Patio Conc. interlocking pavers to be selected by owner
- Covered Patio tile on concrete base or plain conc. finish and pattern to be selected by owner
- Path way Interlocking pavers same as front walk

12

Kid's Play Area - bark

Impervious Paving in Front Yard Setback

Total Area in Front Yard Setback 78' x25' = 1950 sf

78 x25 = 1950 st Driveway = 540.6 sf Front walk = 218 sf

Total impervious = 758.6 sf 758.6/1950 = 38.9% OK

Landscape Screening

- 1 Along the rear fence there are mature, tall Pittosporum. We are filling a gap with Podocarpus
- 2 Along the north fence in the rear yard there is a mature Myoporum tree and a Japanese Maple. We are adding Podocarpus between them.
- 3 On the south east side of the rear yard there is a large Oak next door and a large eucalyptus next door on the south side of the proposed house. we are adding some Podocarpus



Landscape Screening Podocarpus gracilior



Landscape Screening
Pittosporum tenuifolium

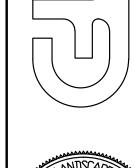
Revision

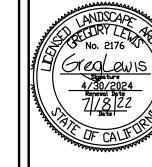
LANDSCAPE ARCHITECT

Cruz, CA 95065 (831) 359-0960

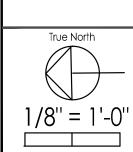
ape@sbcdlobal.net

GREGORY LEWIS LANDSCA 736 Park Way Santa Cruz, CA 95065 lewislandscape@sbcglobal.r





New Residence 905 Leonello Ave., Los Altos, C/



0' 4' 8'

LANDSCAPE

SITE PLAN

PLANTING &

SCREENING

7/18/22 e As Noted

Scale As Noted

Drawn Greg

Sheet